

UTILITY NOTES

THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND DETERMINING THE LOCATION, SIZE, AND ELEVATION OF ALL EXISTING UTILITIES, SHOWN OR NOT SHOWN ON THIS PLAN, PRIOR TO ANY CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES FOUND INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION BEING TAKEN. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON THE FIELD LOCATION OF ALL VISIBLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, WATERGATES, ETC. AND GOVERNMENT AGENCIES. ALL CONTRACTORS SHOULD NOTIFY, IN WRITING, ALL UTILITY COMPANIES OR AGENCIES PRIOR TO ANY EXCAVATION WORK. CALL DIGSAFE AT 1-800-322-4844.

LAYOUT & GRADING NOTES

DRAINAGE NOTES

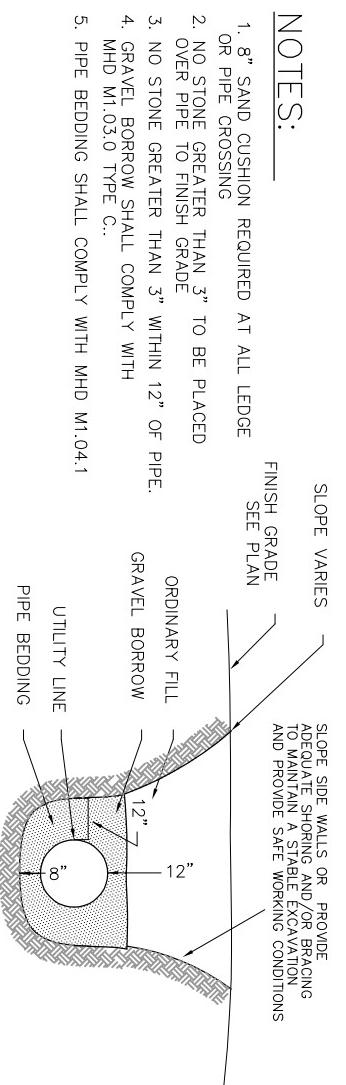
GENERAL NOTES

- CONSULT ALL DRAWINGS AND SPECIFICATIONS FOR COORDINATION REQUIREMENTS BETWEEN ALL TRADES PRIOR TO COMMENCING NEW CONSTRUCTION.
- LOCATION OF EXISTING UTILITIES SHOWN ARE DRAKAMMATIC ONLY. CONTRACTOR SHALL CONTACT THE PROPER AUTHORITIES IN WRITING TO CONFIRM THE LOCATIONS OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE INCURRED DURING CONSTRUCTION TO ANY UTILITY WILL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
- CONTRACTOR TO REFER TO A SURVEYOR PLOT PLAN FOR ACCURATE OFFSETS TO TOPOGRAPHIC LINE.
- ALL DRAINAGE PIPING IS SP35 PVC.
- SYSTEM WILL REQUIRE PERIODIC INSPECTION.

AS BUILT NOTE

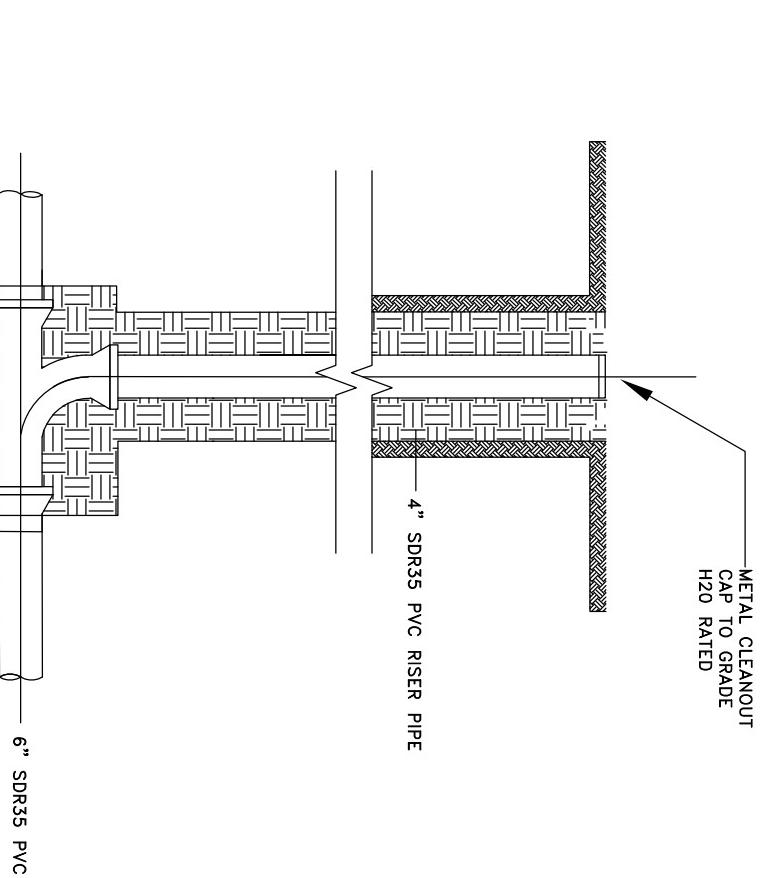
CONTRACTOR IS TO CONTACT ENGINEER FOR AS-BUILT MEASUREMENTS PRIOR TO BACK FILLING DRAINAGE SYSTEMS.

- ALL ELEVATIONS ARE REFERENCED TO NAVD88 DATUM.
- CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS, PERMITTING, AND LICENSES ISSUED AT THE FEDERAL, STATE AND LOCAL AGENCIES.
- CONTRACTOR SHALL COORDINATE ALL SITE UTILITY IMPROVEMENTS WITH THE TOWN OF ARLINGTON OFFICIALS.
- THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL KEEP OUT OF THESE AREAS AND UNDER/ON UTILITY LINES ACTIVE OR NOT, AND HALT MAINTAIN IN A CLOSE AND CONSTANT CONTACT WITH ALL UTILITY COMPANIES INVOLVED. CALL DIGSAFE 888-344-7233
- INSTALLED TEMPORARY EROSION CONTROL MEASURES PRIOR TO CONSTRUCTION FOR APPROVAL BY THE DESIGN ENGINEER.
- PROVIDE SMOOTH TRANSITION AT CHANGES IN GRADE EXCEPT AS INDICATED ON THE DRAWINGS AND AS DIRECTED BY THE ENGINEER.
- ALL AREAS OUTSIDE OF THE LIMIT OF WORK LINES SHALL NOT BE DISTURBED IN ANY MANNER BY THE CONTRACTOR. THE CONTRACTOR SHALL KEEP OUT OF THESE AREAS AND PRESERVE THEIR EXISTING CHARACTER.



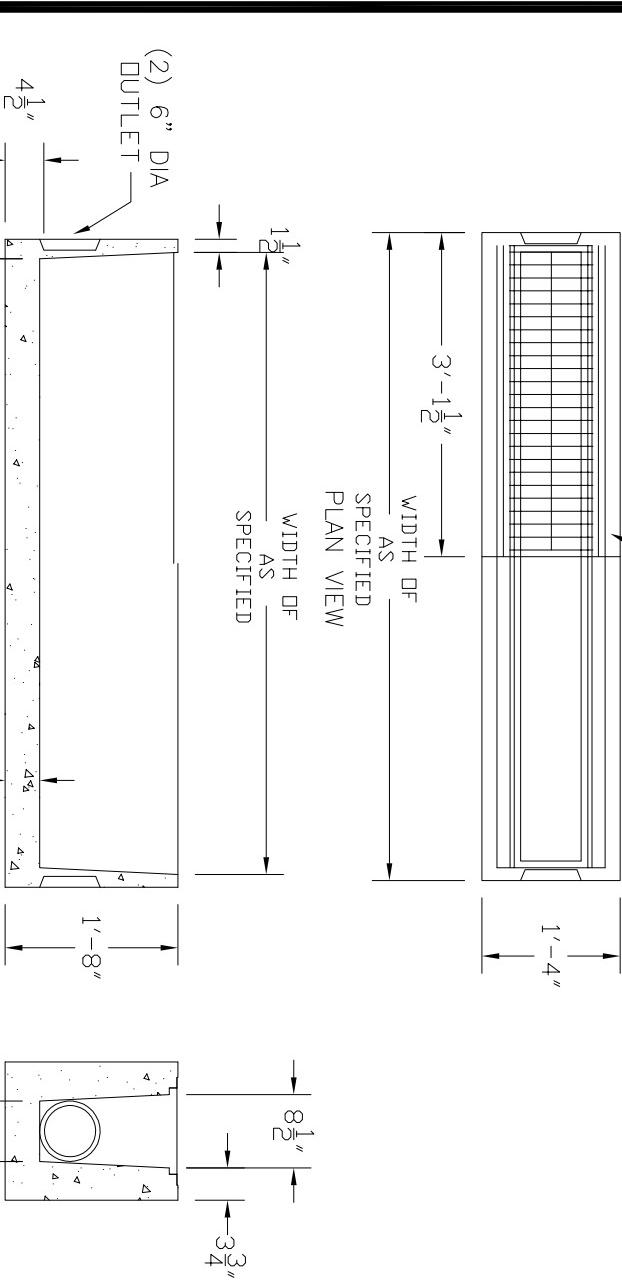
1 TYP. UTILITY TRENCH

C-2 SCALE: NTS



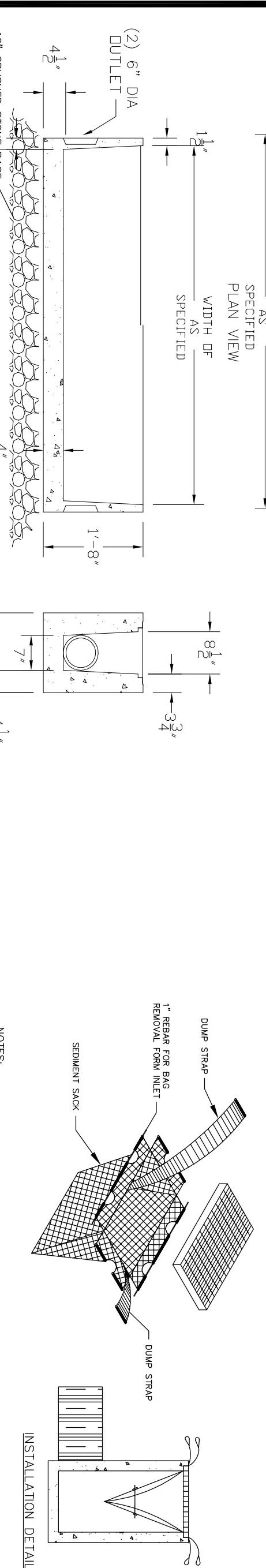
2 TRENCH DRAIN

C-2 SCALE: NTS



3 DRAIN MANHOLE W/SUMP

C-2 SCALE: NTS



4 IN LINE DRAIN CLEANOUT

C-2 SCALE: NTS

5 SILT SACK

Operation and Maintenance Plan for Drainage Systems

Site Operator: Town of Arlington

The following Operation and Maintenance Plan (O & M Plan) has been developed to comply with DEP's Stormwater Management Policy. The responsibilities outlined in the O&M Plan run with ownership of the property.

Subsurface Infiltration Systems

Infiltration Systems are to be inspected at least twice per year and after every major storm event. The inspections will occur following the 3.2-, 24 hour storm event.

Ensure proper operation of Subsurface Infiltration System:

The operator is to note how long water remains standing in drainage structures after storm events and how well the water infiltrates over a period of 48 to 72 hours. If water remains in the system after 72 hours, then the system is probably clogged and in need of cleaning. Contact a professional drain cleaner.

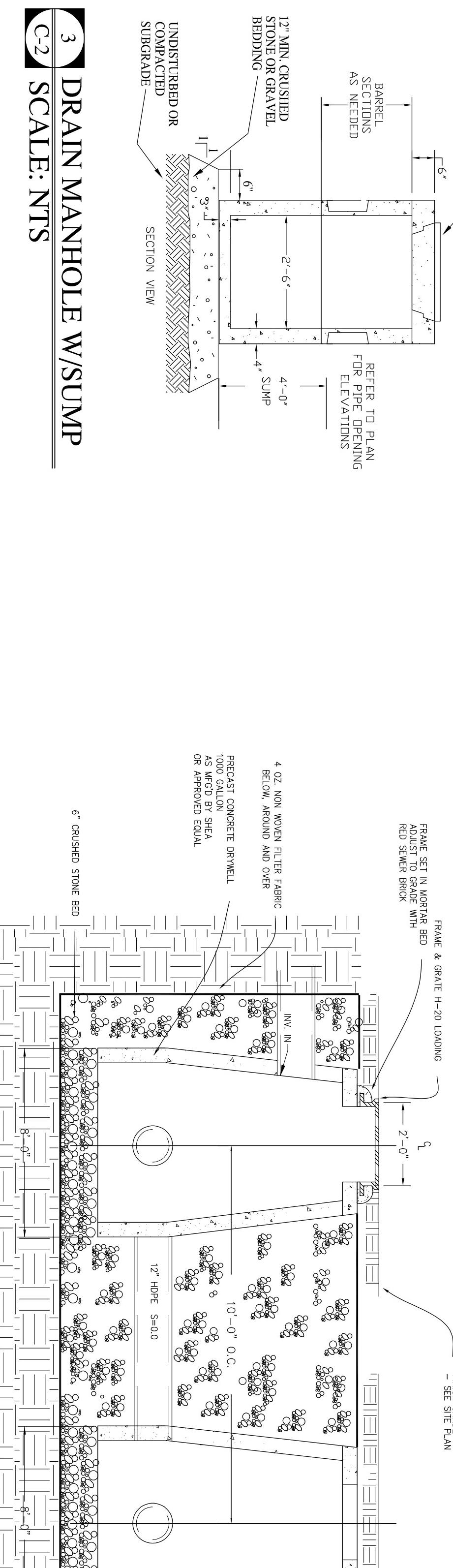
The contractor is to repair items such as upland sediment erosion during the construction process. The property is to be maintained landscaped.

Semiannually inspection of systems for proper functioning and look for:

- Subsidence
- Cracking of structures
- Depth of sediment inside system

Scheduled Maintenance:

- Remove sediment from subsurface system and drain manhole at least once every 2 years;
- Dispose and transport accumulated sediment off-site in accordance with local, state and federal guidelines and regulations.



6 H20 DRAINAGE PIT SYSTEM

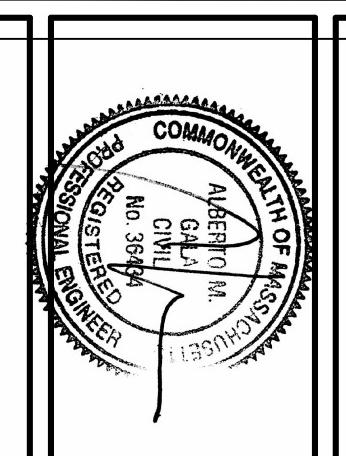
C-2 SCALE: NTS

BISHOP SCHOOL
25 COLUMBIA ROAD
ARLINGTON, MASSACHUSETTS

DRAINAGE/GRAZING PLAN

Gala Simon Associates
GSA
Civil Engineers

Gala Simon Associates Inc.
394 LOWELL STREET, SUITE 18
LEXINGTON, MA 02420
Tel: (781) 676-2962



C-2

Job No. 1649
Drawn By: DL
Rev# Date: 6/21/17
1 6-27-2017 ALTERNATES
2 8-02-2017 PER REVIEW

Description:

LEGEND

- SOIL TEST PIT
- RIM INVERT
- PROP SPOT EL
- C.O.
- EXIST 5-FOOT CONTOUR



SITE PLAN
SCALE: 1" = 20'

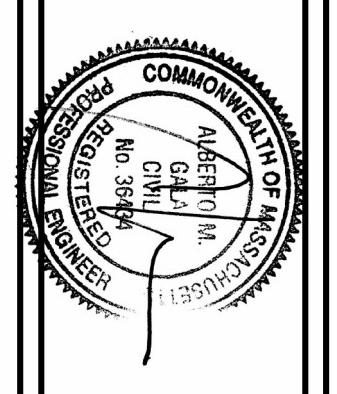
ALTERNATE #2

SITE PLAN
SCALE: 1" = 20'

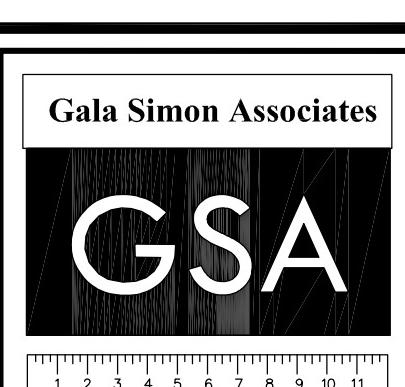


BISHOP SCHOOL
25 COLUMBIA ROAD
ARLINGTON, MASSACHUSETTS

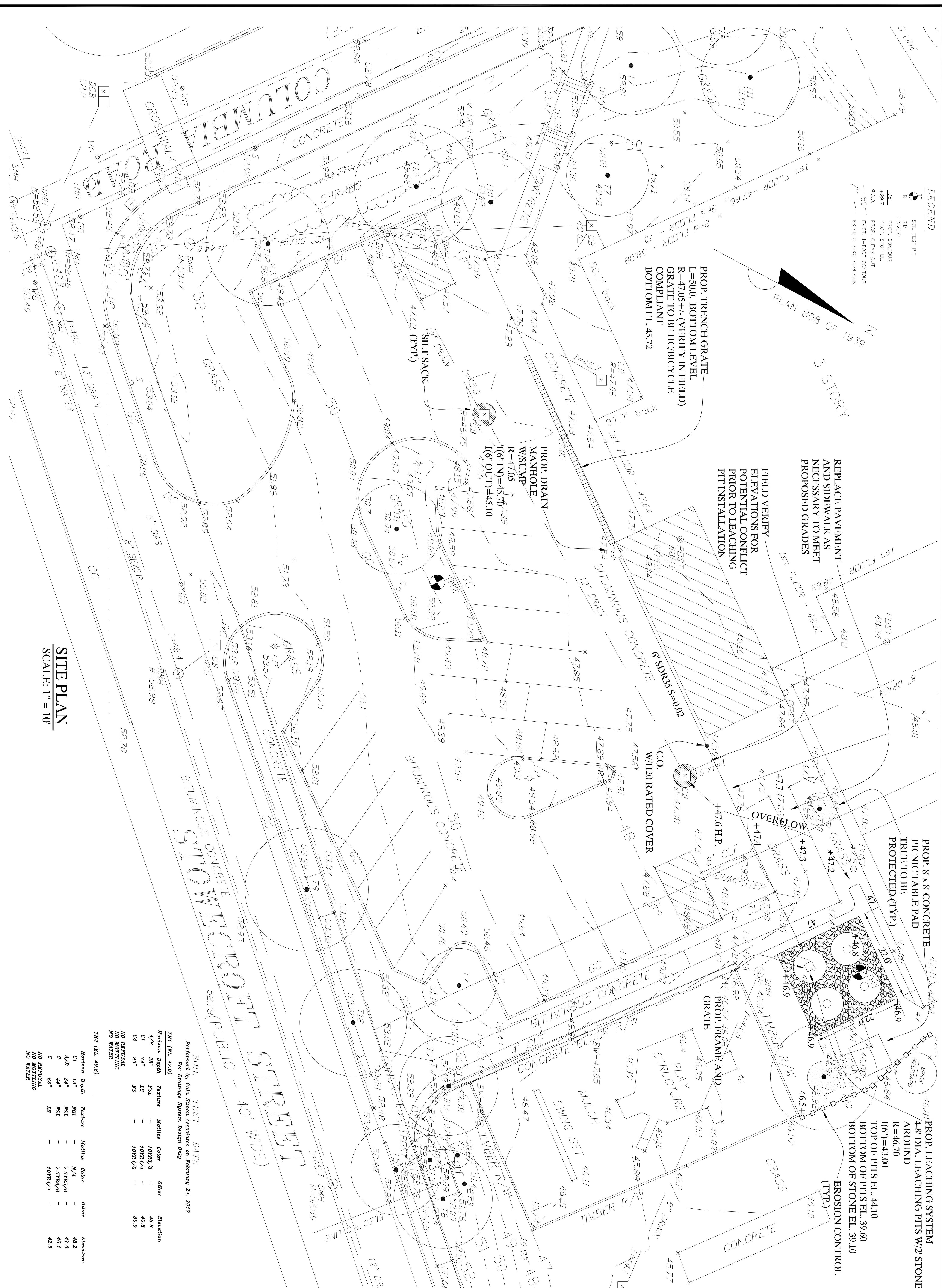
DRAINAGE IMPROVEMENTS
PLAN



Job No.	1649	Date:	6/21/17
Drawn By:	DL	Scale:	AS SHOWN
Rev#		Date:	
1	6/27/2017	Description:	ALTERNATES
2	8/02/2017		PER REVIEW



**Gala Simon
Associates Inc.**
394 LOWELL STREET, SUITE 18
LEXINGTON, MA 02420
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SITE PLAN
SCALE: 1" = 10'

MAY 1961

BISHOP SCHOOL

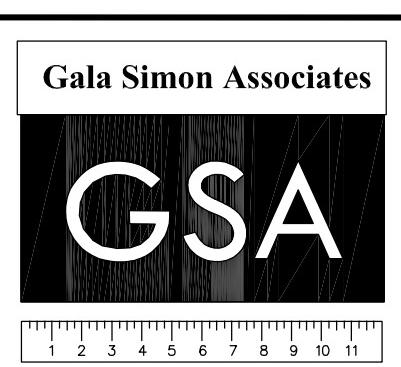
ARLINGTON, MASSACHUSETTS

A circular seal with a serrated outer edge. The words "COMMONWEALTH OF MASSACHUSETTS" are written around the top inner border, and "MADE IN U.S.A." is on the right side. The center contains the name "ALBERT O. M. GALA" and "CIVIL". The left side has "No 36434" and "REGISTERED". The bottom left corner contains "ENGINEER".

BISHOP SCHOOL

ARLINGTON, MASSACHUSETTS

DRAINAGE IMPROVEMENTS PLAN



Civil Engineers

**Gala Simon
Associates Inc.**